

AMENDMENT TO THE SPECIFICATION

Please amend paragraph numbers [0022]-[0025] and [0027]-[0029] of the specification as originally filed as follows:

[0022] FIGS. 1-3 depict an eyecup generally indicated as 100 in accordance with one aspect of the present invention. The eyecup 100 includes a front surface 110 that is designed to mate with the frame 10 of a pair of lenses, such as for example, sunglass lenses. The eyecup 100 can be either fixed to the frames 10, or removable. The eyecup 100 also comprises a rear surface 120 that is shaped to fit snugly around the eyes of a wearer. In a preferred embodiment, the rear surface 120 of the eyecup 100 has foam 121 installed thereon. ~~Such~~ Foam ~~foam~~ 121 can be, for example, an open cell air permeable foam or a closed cell foam. The rear surface 120 may also be coated with a semi-rigid material 122 such as silicone, etc. for providing the seal against the wearer's face. The foam 121 can either be formed as two separate pieces, one around each eye aperture, or can be formed of one piece (not shown).

[0023] The inventors of the present invention have determined that the back or rear side of prior art lenses may not make full contact with the wearer's face around the eyes.

Accordingly, the shape of the rear surface of the eyecup 100 of the present invention has been accurately and specifically designed so as to enhance the contact with the wearer's face. In a preferred embodiment, the rear surface 120 of the eyecup 100 of the present invention has been accurately and specifically designed so as to substantially contact the face of the wearer proximate the eyes. In particular, the shape has been designed so as to contact the area of the face having substantial bone structure, as opposed to the non-bone areas of the face. In a preferred embodiment, the shape of the rear surface of the eyecup

100 of the present invention has been designed so as to closely fit the face of the majority of adult Caucasian males. Further, in a preferred embodiment, the rear side 120 of the eyecup is covered in a foam material 121 to further enhance the fit and comfort of the eyewear.

[0024] Various venting apertures 130 are formed between the front and rear surfaces of the eyecup to provide venting. In a preferred embodiment, the venting apertures are provided with a foam material 131 so as to provide filtered venting. In a preferred embodiment, the foam material 131 covers one or more sides of the venting apertures.

[0025] FIGS. 4-9 depict an eyecup generally indicated as 200 constructed in accordance with a second aspect of the present invention. As seen in FIG. 4, in one aspect of the present invention, the frames 20 may be provided with a ram air vent 21 which is constructed to align with a venting channel 240 in the front face 210 of the eyecup 200. Also, if the eyecup 200 is designed to be removable, the eyecup may include pin-type projections 211 in the front face and tabs 212 at either end (FIG. 6) for aligning and/or maintaining the eyecup within the frames. Other means of mounting and/or attaching the eyecup to the frames are contemplated without departing from the spirit of the invention.

[0027] Accordingly, in one aspect of the present invention, as depicted in FIGS. 4-11, the eyecup 200 comprises a lens 250 therein. The lens 250 is generally positioned within a channel 214 formed proximate the front surface of the eyecup. A sealing gasket 213 may also be formed between the lens 250 on the eyecup 200 and the lens 22 in the frames 20. In a preferred embodiment of the present invention, the lens 250 within the eyecup 200 is a thin 0.5-1.2mm plano lens to enhance thermal properties while avoiding fogging or a prescription lens for prescription wearers and the lens 22 within the frames 20 is a plano designed to deliver the optical performance required for different functional uses. The

particular position of the lens 250 within the eyecup 200 and the frame 20, and the materials and/or design of the sealing gasket 213 is not critical to the present invention and is generally a matter of application specific design choice. Additionally, the lens 250 in the eyecup may be removable, as depicted in FIGS. 10 and 11.

[0028] Including a lens 250 (whether fixed or removable) in the eyecup 200 of the present invention provides for numerous advantageous benefits over the prior art windless eyewear. Specifically, in addition to adding improved comfort by contouring the face more accurately, the addition of an inner lens gives the wearer the flexibility to adapt one pair of eyewear to multiple sports functions. By way of example, with the use of a thin plano inner lens in combination with a normal front lens, the sunglass can be used for extreme conditions like high altitude hiking or skiing, or a polarized lens could be used for driving with a prescription lens, which avoids the need to use separate prescription eyewear or contact lenses.

[0029] In another aspect of the present invention, multiple venting designs can be incorporated, thereby offering the user the option to customize the sunglass to the appropriate functional needs of the preferred sport. Specifically, two venting technologies are envisioned, one system called “draft” can be used when only a gentle movement of ventilating air is necessary. This venting system uses the motion of the user to create a vacuum behind the frame to gently draw ventilating air through the eyecup chamber. The other system is called scooped or ram venting where a direct frontal scoop is used to aggressively force a large volume of air through the chamber. Referring to FIGS. 12-13 wherein an exemplary embodiment of an eyecup is shown, eyecup 300 can be provided without a ram air vent or a lens installed therein.